

ABSTRACT OF THE DISCLOSURE

A fluorescence reader of the present invention detects fluorescence from a sample present on a carrier or in a solution, and the fluorescence reader includes

5        a light source which radiates parallel light, a projection lens which converges the light from the light source, an objective lens which irradiates the sample with the light converged in a rear-side focal position, an image forming lens which forms

10      fluorescence emitted from the sample and passed through the objective lens into an image, a light receiving pinhole disposed in an image forming position of the image forming lens, and detector which detects the fluorescence passed through the light receiving

15      pinhole.